15th World Congress on Bioenergy & Biomass

June 24-25, 2020 | Kuala Lumpur, Malaysia
Dear Attendees,

Meetings International proudly announces the 15th World Congress Conference on Bioenergy & Biomass scheduled during June 24-25, 2020 in Kuala Lumpur, Malaysia. The conference emphasizes the theme “Biomass sustainability and Bioenergy for expanding a new horizon”.

Biomass is organic material that comes from plants and animals, and it is a renewable source of energy. Biomass contains stored energy from the sun. Plants absorb the sun’s energy in a process called photosynthesis. When biomass is burned, the chemical energy in biomass is released as heat. Biomass can be burned directly or converted to liquid biofuels or biogas that can be burned as fuels. Examples of biomass and their uses for energy: Wood and wood processing wastes burned to heat buildings, to produce process heat in industry, and to generate electricity. Agricultural crops and waste materials burned as a fuel or converted to liquid biofuels. Food, yard, and wood waste in garbage burned to generate electricity in power plants or converted to biogas in landfills. Animal manure and human sewage converted to biogas, which can be burned as a fuel.

Sincerely,

Operating Committee
Bioenergy & Biomass 2020

https://www.meetingsint.com/conferences/bioenergy
Conference Highlights

- Biomass Resources
- Biopower
- Biofuels
- Biobased Chemicals and Materials
- Integrated Biomass Systems and Assessments
- Biorefineries
- Biochar
- Global Renewable Bioenergy trends
- H2 from biomass
- Conventional combustion

https://www.meetingsint.com/conferences/bioenergy
To identify the future directions of research
Peer review and high quality publication
Quality research

Head Management/CEO/Manager
Dean
Director
Professor
Students
Research Scholars
Business Entrepreneurs

https://www.meetingsint.com/conferences/bioenergy
Explore Kuala Lumpur

Kuala Lumpur is the capital city of Malaysia, boasting gleaming skyscrapers, colonial architecture, charming locals, and a myriad of natural attractions. Divided into numerous districts, its main hub is called the Golden Triangle which comprises Bukit Bintang, KLCC and Chinatown. KL is widely recognised for numerous landmarks, including Petronas Twin Towers (the world's tallest twin skyscrapers), Petaling Street flea market, and Batu Caves, which is over 400 million years old.

Kuala Lumpur Attractions
### Conference Hall: Keyaki

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:30-10:00</td>
<td>Registration</td>
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<tr>
<td>10:00-10:15</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td>10:15-10:30</td>
<td>Introduction</td>
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</tbody>
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#### Keynote Forum

**Title:** Development of a high-performance ethanol-hydrogen peroxide fuel cell  
Liang An, The Hong Kong Polytechnic University, Hong Kong

#### Networking & Refreshment Break

**Group photo** 11:00-11:05  
**Networking & Refreshment Break** 11:05-11:20 @ Foyer

#### Lunch Break

**Lunch Break** 12:50-13:50 @ California Restaurant (Tower Wing 1st Floor)

### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
</table>
| 11:20-11:50| Title: Energy consumers’ perceptions and behavior regarding their social and private energy and environmental costs  
Omid Mohammadzadeh Rouhani, McGill University, Canada  
**Title:** Clearly communicating about the bioeconomy: Making bioenergy research relevant and accessible to politicians and the public  
Anton Holland, NIVA Inc., Canada  
**Title:** Challenges to renewable energy regulation, commercialization and investment in India  
Tabrez Ahmad, University of Petroleum & Energy Studies, India |
| 13:50-14:20| Title: NSEOR an innovation in oil recovery  
Omar Chaalal, Abu Dhabi University, United Arab Emirates  
**Title:** Going miles with green smiles towards clean India  
Lt Col Monish Ahuja (Retd), Punjab Renewable Energy Systems Private Limited, India  
**Title:** Investigation of biogas generation from the wastes of a vegetable market in single and double chamber reactors  
Md Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh |

https://www.meetingsint.com/conferences/bioenergy
Oral Session:
Bioenergy | Renewable & Sustainable Energy and Resources | Oil and Gas Processing | Energy and Environment | Advanced Materials for Energy Storage, Generation and Transmission

Session Chair: Tabrez Ahmad, University of Petroleum & Energy Studies, India
Session Co-chair: Omid Mohammadzadeh Rouhani, McGill University, Canada

15:20-15:40
Title: Domestic biogas production and use to provide energy security to rural households-A case study in Nepal
Shanti Kala Subedi, Tribhuvan University, Nepal

Title: Bioenergy and carbon sequestration in India: A critical analysis of climate change and CO₂ standards in the environment
Tabrez Ahmad, University of Petroleum & Energy Studies, India

15:40-16:00
Networking & Refreshment Break 16:00-16:15 @ Foyer

16:15-16:35
Title: Bioenergy utilization for world development
Brilliant Windy Khairunnisa, Islamic State University of Sunan Ampel, Indonesia

Title: Good impact of bioenergy in Indonesia at this era
Qinthara Salsabila, Islamic State University of Sunan Ampel, Indonesia

Title: Singularly perturbed induction motor model based flux and torque robust control with estimation
Fouzia Benmessaoud, University Mostapha Benboulaid Batna, Algeria

16:35-16:55
Title: Challenges & way forward in the bioenergy sector: An Indian perspective
Colonel Rohit Dev (Retd), Punjab Renewable Energy Systems Private Limited, India

Title: Heat pipe application in fission driven nuclear power plant
Bahman Zohuri, University of New Mexico, Mexico

Title: Managing uncertainties in biomass supply chain management: Case study from India
Vikas Gupta, Hindustan Petroleum Corporation Limited, India

17:15-17:35
Title: Why we need nuclear power plants
Bahman Zohuri, University of New Mexico, Mexico

17:35-17:55
Title: Alternative fuels for marine applications: Behaviour of biomethanol and biodiesel on properties of marine diesel oil
Tatjana Paulauskiene, Klaipeda University, Lithuania

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**Poster Presentations**

**BE-01**

**Title:** Energy storage devices constructed with electrodes consisting of paper and conducting polymer composites  
**Petter Tammela,** Uppsala University, Sweden

**BE-02**

**Title:** Conductive polymers from biomass  
**Jonas Lindh,** Uppsala University, Sweden

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**Session Adjournment**

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**April 16, 2019**

**Conference Agenda**  
**Day 2**

**Networking & Lunch @ California Restaurant (Tower Wing 1st Floor)**
Biofuels and Bioenergy of 2018

July 16, 2018

**Day 1**

<table>
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<td>Oral Session: Biodiesel</td>
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<tr>
<td>11:00-11:05</td>
<td>Networking and Refreshment 11:05 - 11:20 @ Terrace</td>
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<tr>
<td>11:20-11:40</td>
<td>Oral Session: Diesel-biodiesel fuel exhaust gas-reformer for on-board $H_2$ production to improve the HC-SCR catalyst NOx reduction activity</td>
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<td>11:40-12:00</td>
<td>Oral Session: Production of platform chemicals from sustainable exploitation of biomasses</td>
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<tr>
<td>12:00-12:20</td>
<td>Oral Session: The effect of changing compression ratio on the performance of a single cylinder SI (spark ignition) engine fueled with unleaded gasoline and bio ethanol at various blend ratios</td>
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<tr>
<td>12:40-13:00</td>
<td>Oral Session: A study on the utilization of waste biomass available in N.E. India for syn-gas generation</td>
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<tr>
<td>13:00-13:20</td>
<td>Oral Session: Development of biodiesel production from brown grease</td>
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**Conference Hall: Rosales**

**Keynote Forum**

- **Title:** Biofuel precursors by microwaves catalytic conversion of lignocellulosic agro-industrial wastes
  - Andres Moreno, University of Castilla-La Mancha, Spain

- **Title:** Biofuels and energy
  - Yaning Zhang, Harbin Institute of Technology, China

- **Title:** Cloning, expression and characterization of $\beta$-xylanase gene from *Thermotoga naphthophila*
  - Muhammad Nauman Aftab, Government College University, Pakistan

**Oral Session:**

- **Session Chair:** Andres Moreno, University of Castilla-La Mancha, Spain

**Group Photo**
Title: Rich sugar biomass as raw material for catalytic conversion of glucose into biofuel  
Alberto Jose Huertas-Alonso, University of Castilla-La Mancha, Spain

Title: Synthesis of second generation biofuels from melon rind and its atmospheric implications  
Almudena Lorente Diezma, University of Castilla-La Mancha, Spain

Title: Microbial lipids production by batch cultivating of oleaginous yeast using food processing wastes as the culture medium  
Hung-Teh Chan, Yuanpei University of Medical Technology, Taiwan

Title: Characteristic of tar content and syngas composition during cereal straw gasification  
Jacek Kluska, Institute of Fluid Flow Machinery, Poland

Title: Biotechnology reuse of vinasse produced at biocom in an anaerobic fluidized bed reactor for energy purposes  
Jose Joao Gaspar, Instituto Superior Politecnico de Tecnologias e Ciencias, Angola

Title: Sugar dehydration under Microwave-assisted radiation: a new green method for the synthesis of platform chemicals  
Manuel Salgado Ramos, University of Castilla-La Mancha, Spain

Title: Public dissemination of research on technological potentials of novel bioresource materials for sustainable food, energy and water resource development  
Urszula Norton, University of Wyoming, USA

Title: Effect of the levels of food processing wastes on the lipid production of oleaginous yeast for biodiesel production  
Yi-Huang Chang, Yuanpei University of Medical Technology, Taiwan
Glimpses of Biofuels & Bioenergy events

https://www.meetingsint.com/conferences/bioenergy
Bioenergy 2020

Venue

Kuala Lumpur, Malaysia

Important Dates

Early Bird: December 31, 2019
Registration Open: December 01, 2019
Abstract Submission Open: December 01, 2019
On Spot Registration: June 24, 2019

Useful Links

Home Page
https://www.meetingsint.com/conferences/bioenergy

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https://www.meetingsint.com/conferences/bioenergy/registration

Abstract Submission
https://www.meetingsint.com/conferences/bioenergy/abstract-submission

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